

**ABSTRACT**

An electromagnetic clutch (20) capable of connecting and disconnecting a driving power source and a rotary shaft (22) includes a rotor (25) rotated by the driving power source, and an armature (40) capable of being attracted to the rotor (25) by electromagnetic force to produce a transmission force transmitted from the rotor (25) to the rotary shaft (22). The electromagnetic clutch (20) further includes leaf springs (52) urging the armature (40) in such a direction as to separate the armature from the rotor (25). The leaf springs (52) each assume an orientation such that a boost force assisting the attractive force acting upon the armature (40) is produced based on the transmission force when the armature (40) is attracted to the rotor (40).